

IFW Reference Manager

Application Number: **Application Number 10/735,607****Testing 605416 - Form PTO-1449, 19-APR-2004, Paper Number 20040419**

Document Number	Date	Inventor Names	Classification
<u>US-5,064,833</u>	11-1991	Ife et al.	514/266.4
<u>US-5,420,135</u>	05-1995	Brown et al.	514/293
<u>US-5,814,630</u>	09-1998	Barker et al.	514/234.5
<u>US-5,939,421</u>	08-1999	Palanki et al.	514/266.2
<u>US-6,169,091</u>	01-2001	Cockerill et al.	514/228.2
<u>US-6,174,889</u>	01-2001	Cockerill et al.	514/264.1
<u>US-6,207,669</u>	03-2001	Cockerill et al.	514/264.1
<u>US-6,225,318</u>	05-2001	Sobolov-Jaynes et al.	514/266.2
<u>US-6,248,771</u>	06-2001	Shenoy et al.	514/418
<u>US-6,251,912</u>	06-2001	Wissner et al.	514/228.2
<u>US-6,391,874</u>	05-2002	Cockerill et al.	514/233.5
<u>US-6,395,733</u>	05-2002	Arnold et al.	514/234.2
<u>US-6,399,602</u>	06-2002	Barker et al.	514/234.5
<u>US-6,413,971</u>	07-2002	Arnold et al.	514/264.11

EAST Search String:

("5064833"|"5420135"|"5814630"|"5939421"|"6169091"|"6174889"|"6207669"|"6225318"|"6248771"|"6:

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10/ 735,607

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NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
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NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
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=> FIL STNGUIDE

10/ 735,607

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FULL ESTIMATED COST	0.21	0.21

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FULL ESTIMATED COST	0.06	0.27

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=> file reg

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FULL ESTIMATED COST	0.21	0.48

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STRUCTURE FILE UPDATES: 6 FEB 2006 HIGHEST RN 873652-66-5
DICTIONARY FILE UPDATES: 6 FEB 2006 HIGHEST RN 873652-66-5

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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*
* The CA roles and document type information have been removed from *
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* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
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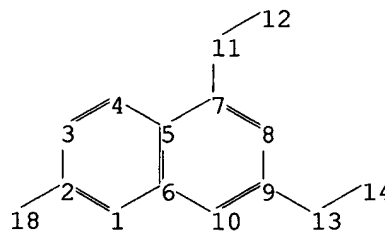
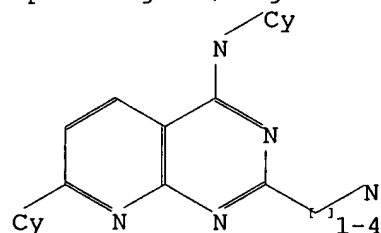
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10/ 735,607

=>

Uploading C:\Program Files\Stnexp\Queries\10735607.str



chain nodes :

11 12 18

ring nodes :

1 2 3 4 5 6 7 8 9 10

ring/chain nodes :

13 14

chain bonds :

2-18 7-11 9-13 11-12 13-14

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

exact/norm bonds :

2-18 7-11 11-12 13-14

exact bonds :

9-13

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

isolated ring systems :

containing 1 :

G1:C,H,O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

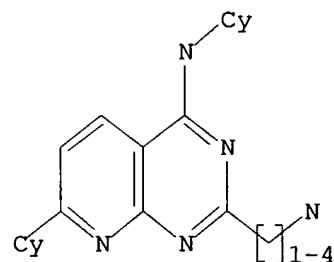
11:CLASS 12:Atom 13:CLASS 14:CLASS 18:Atom

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 C,H,O,S,N

Structure attributes must be viewed using STN Express query preparation.

10/ 735,607

=> s l1 sample

SAMPLE SEARCH INITIATED 13:56:55 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 3 TO 163

PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 13:57:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 71 TO ITERATE

100.0% PROCESSED 71 ITERATIONS

61 ANSWERS

SEARCH TIME: 00.00.01

L3 61 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

167.38

167.86

FILE 'HCAPLUS' ENTERED AT 13:57:28 ON 07 FEB 2006

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FILE COVERS 1907 - 7 Feb 2006 VOL 144 ISS 7

FILE LAST UPDATED: 6 Feb 2006 (20060206/ED)

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=> d his

(FILE 'HOME' ENTERED AT 13:56:15 ON 07 FEB 2006)

FILE 'STNGUIDE' ENTERED AT 13:56:22 ON 07 FEB 2006

FILE 'HOME' ENTERED AT 13:56:27 ON 07 FEB 2006

FILE 'REGISTRY' ENTERED AT 13:56:34 ON 07 FEB 2006

10/ 735,607

L1 STRUCTURE UPLOADED
L2 3 S L1 SAMPLE
L3 61 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 13:57:28 ON 07 FEB 2006

=> s l3

L4 4 L3

=> d l4 1- ibib abs hitstr

YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2006 ACS ON STN
 ACCESSION NUMBER: 2005:22886 HCAPLUS
 DOCUMENT NUMBER: 142:316855
 TITLE: Substituted bicyclic quinazolin-4-ylamine derivatives as capsaicin receptor modulators
 INVENTOR(S): Bakthavatchalam, Rajagopal; Blum, Charles A.; Chenard, Bertrand L.
 PATENT ASSIGNEE(S): Neurogen Corporation, USA
 SOURCE: PCT Int. Appl., 109 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005023807	A2	20050317	WO 2004-US29583	20040909
WO 2005023807	A3	20050421		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-501515P P 20030909
 US 2003-515984P P 20031031

OTHER SOURCE(S): MARPAT 142:316855
 G1

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [wherein B, V, X, Y, W, Z = independently N, CR1, such that at least one of V and X is N; D = N, CR9; either EF forms an (un)substituted fused 5- to 7-membered carbocyclyl, or heterocyclyl; and A = N, CR1 with proviso or AF forms an (un)substituted fused 5- to 7-membered carbocyclyl, or heterocyclyl; and E = N, CR9; each R1 = independently H, halo, OH, CN, NH2, NO2, CO2H and derivs., etc.; each R9 = independently H, halo, OH, CN, alkylsulfonyl, alkylsulfonamido, etc.; U = N, CR2, with the proviso that if V and X are both N, then U = CR2; R2 = H, halo, CN, CO2H, etc.; Ar = (un)substituted 5- to 10-membered aromatic carbocycles or heterocycles, such that Ar is not thiophene; and their pharmaceutically acceptable salts], useful for treating conditions related to capsaicin receptor activation, were prepared. I modulates, preferably inhibit binding of vanilloid ligand to VR1 activation capsaicin receptor VR1 (vanilloid receptor subtype 1), exhibit no detectable agonist activity in an in vitro assay of capsaicin receptor agonism, show IC50 of 51 μ M in a capsaicin receptor calcium mobilization assay, and reduce calcium conductance of a cellular capsaicin receptor. Radiolabeled

L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2006 ACS ON STN
 ACCESSION NUMBER: 2004:534192 HCAPLUS
 DOCUMENT NUMBER: 141:89101
 TITLE: Preparation of carboxylic acid, phosphate, or phosphonate substituted (quinazolin-4-yl)amines as capsaicin receptor modulators
 INVENTOR(S): Bakthavatchalam, Rajagopal; Blum, Charles A.; Brielmann, Harry; Caldwell, Timothy M.; De Lombaert, Stephane; Hodgetts, Kevin J.; Zheng, Xiaozhang
 PATENT ASSIGNEE(S): Neurogen Corporation, USA
 SOURCE: PCT Int. Appl., 113 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004055004	A1	20040701	WO 2003-US39607	20031212
WO 2004055004	C1	20050721		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

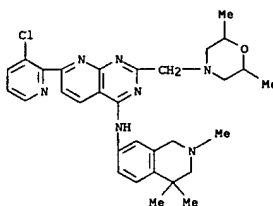
CA 2509239 AA 20040701 CA 2003-2509239 20031212
 US 2004156869 A1 20040812 US 2003-735607 20031212
 EP 1569926 A1 20050907 EP 2003-813411 20031212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

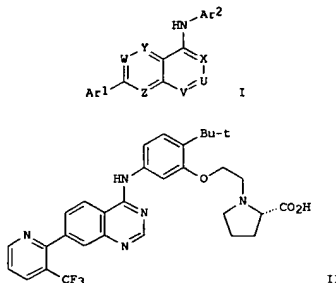
PRIORITY APPLN. INFO.: US 2002-433139P P 20021213
 WO 2003-US39607 W 20031212

OTHER SOURCE(S): MARPAT 141:89101
 G1

L4 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2006 ACS ON STN (Continued)
 compds. I are used for detg. the presence or absence of capsaicin receptor in a sample in receptor localization studies. A 7-step synthesis is given for title compd. II-HCl (no data for the intermediates).
 IT 848046-95-7P, [7-(3-Chloropyridin-2-yl)-2-[(2,6-dimethylmorpholin-4-yl)methyl]pyrido[2,3-d]pyrimidin-4-yl] (2,4,4-trimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amine
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 as (drug candidate; preparation of bicyclic quinazolin-4-ylamine derivs. as type VR1 capsaicin receptor modulators)
 RN 848046-95-7 HCAPLUS
 CN Pyrido[2,3-d]pyrimidin-4-amine, 7-(3-chloro-2-pyridinyl)-2-[(2,6-dimethyl-4-morpholinyl)methyl]-N-(1,2,3,4-tetrahydro-2,4,4-trimethyl-7-isoquinolinyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2006 ACS ON STN (Continued)



AB Title acid-substituted (quinazolin-4-yl)amines and analogs (I) [wherein V, W, X, Y, and Z = independently N, CR1, with the proviso that at least one of V and X = N; U = N, CR2, with the proviso that if V and X = N, then U = CR2; R1 = independently H, halo, OH, CN, NH2, CO2H, (halo)alkyl, (halo)alkoxy, alkoxycarbonyl, (di)alkylamino; R2 = H, halo, CN, NO2, (un)substituted alkyl, alkenyl, or alkynyl optionally interrupted by O, S, SO, SO2, CO, OCO, CO2, OCO2, CHNH, NHCO, NHCO2, SO2NH, NH, OPO2(OH), or PO2(OH); Ar1 and Ar2 = independently (un)substituted carbocyclyl, heterocyclyl; and pharmaceutically acceptable forms thereof] were prepared as modulators of capsaicin receptors, especially the vanilloid receptor 1 (VR1).

For example, 2-tert-butyl-5-nitrophenol was condensed with 2-(tert-butylidimethylsilyloxy)ethanol, and the resulting nitrophenyl ether reduced to give the substituted aniline. Condensation of the phenylamine with 4-chloro-7-(3-trifluoromethylpyridin-2-yl)quinazolin-4-ol, followed by deprotection, coupling with L-proline Me ester, and saponification provided II.

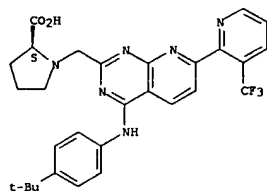
In competition binding assays, invention compds. exhibited $K_i \leq 1 \mu$ M for VR1 expressed in human embryonic kidney (HEK293) cells. Thus, I and their pharmaceutical compns. are useful for treating disorders associated with pathol. receptor activation, such as pain, in humans, domesticated companion animals, and livestock animals (no data).

IT 714223-61-7P 714223-63-9P 714223-64-OP
 714223-72-OP 714223-73-1P 714223-74-2P
 714223-75-3P 714223-76-4P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(VR1 inhibitor; preparation of acid-substituted (quinazolin-4-yl)amines as VR1 inhibitors for treatment of pain and other VR1-mediated conditions)
 RN 714223-61-7 HCAPLUS
 CN L-Proline, 1-[[[4-[(1,1-dimethylethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]methyl]- (9CI) (CA INDEX NAME)

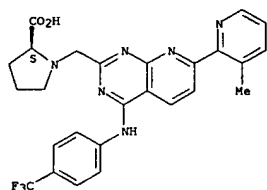
L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Absolute stereochemistry.



RN 714223-63-9 HCAPLUS
 CN L-Proline, 1-[[[4-(3-methyl-2-pyridinyl)-4-[[4-(trifluoromethyl)phenyl]amino]pyrido[2,3-d]pyrimidin-2-yl]methyl]- (9CI) (CA INDEX NAME)

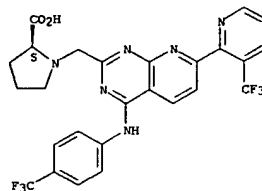
Absolute stereochemistry.



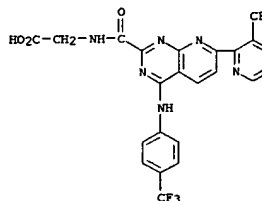
RN 714223-64-0 HCAPLUS
 CN L-Proline, 1-[[[4-(3-methyl-2-pyridinyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-(3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

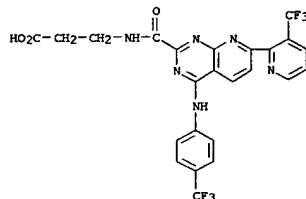


RN 714223-72-0 HCAPLUS
 CN Glycine, N-[[[4-[[4-(trifluoromethyl)phenyl]amino]-7-(3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

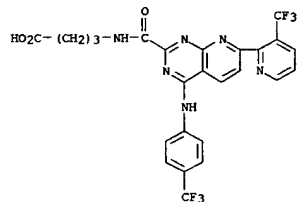


RN 714223-73-1 HCAPLUS
 CN beta-Alanine, N-[[[4-[[4-(trifluoromethyl)phenyl]amino]-7-(3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

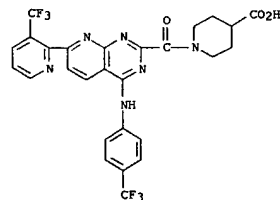
L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 714223-74-2 HCAPLUS
 CN Butanoic acid, 4-[[[4-[[4-(trifluoromethyl)phenyl]amino]-7-(3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]amino]- (9CI) (CA INDEX NAME)



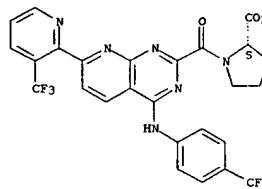
RN 714223-75-3 HCAPLUS
 CN 4-Piperidinecarboxylic acid, 1-[[[4-[[4-(trifluoromethyl)phenyl]amino]-7-(3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 714223-76-4 HCAPLUS
 CN L-Proline, 1-[[[4-[[4-(trifluoromethyl)phenyl]amino]-7-(3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:534191 HCAPLUS

DOCUMENT NUMBER: 141:89100

TITLE: Preparation of (quinazolin-4-yl)amines as capsaicin

INVENTOR(S): Bakthavatchalam, Rajagopal; Blum, Charles A.;

Brielmann, Harry; Caldwell, Timothy M.; De Lombaert,

Stephane; Hodgetts, Kevin J.; Zheng, Xiaozhang

PATENT ASSIGNEE(S): Neurogen Corporation, USA

SOURCE: PCT Int. Appl., 226 pp.

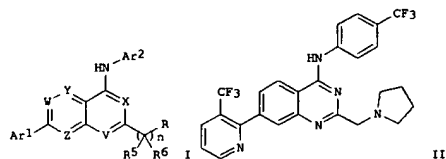
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

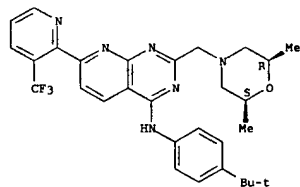
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004055003	A1	20040701	WO 2003-US39606	20031212
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US 2004156869	A1	20040812	US 2003-735607	20031212
EP 1569925	A1	20050907	EP 2003-813410	20031212
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003017168	A	20051101	BR 2003-17168	20031212
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OTHER SOURCE(S):		MARPAT 141:89100		
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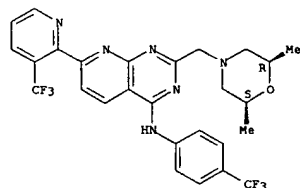
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L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

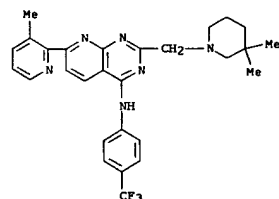


RN 573688-81-0 HCAPLUS
 CN Pyrido[2,3-d]pyrimidin-4-amine, 2-[[2,6-dimethyl-4-morpholinyl)methyl]-N-[4-(trifluoromethyl)phenyl]-7-[3-(trifluoromethyl)-2-pyridinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 573688-83-2 HCAPLUS
 CN Pyrido[2,3-d]pyrimidin-4-amine, 2-[(3,3-dimethyl-1-piperidinyl)methyl]-7-(3-methyl-2-pyridinyl)-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

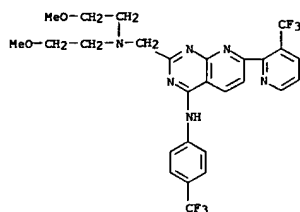


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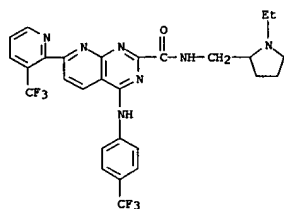
AB Title compds. I (wherein V, X, Y, and Z = independently H, C(R1), with the proviso that at least one of V and X = N; R = OR7, NR3R4; R1 = independently H, halo, OH, CN, NH2, (halo)alkyl, (halo)alkoxy, alkoxy, carbonyl, (di)alkylamino; R3 and R4 = independently H, (un)substituted (aryl)alkyl, alkenyl, alkynyl, alkanoyl, etc.; or R3 or R4 taken together with R5 or R6 forms an (un)substituted heterocycle; or NR3R4 = heterocyclyl; R5 and R6 = independently H, (un)substituted alkyl; or CR5R6 = CO; R7 = H, (aryl)alkyl, alkenyl, alkynyl, alkanoyl, etc.; or R7 taken together with R5 or R6 forms an (un)substituted heterocycle; n = 1-3; Ar1 and Ar2 = independently (un)substituted aryl, heterocyclyl; and pharmaceutically acceptable forms thereof) were prepared as modulators of capsaicin receptors, especially the vanilloid receptor 1 (VR1). For example, a solution of [2-(chloromethyl)-7-(3-trifluoromethylpyridin-2-yl)quinazolin-4-yl](4-trifluoromethylphenyl)amine-HCl and pyrrolidine was heated to 100° for 1 h to give II. In competition binding assays, invention compds. exhibited Ki ≤ 1 μM for VR1 expressed in human embryonic kidney (HEK293) cells. Thus, I and their pharmaceutical compds. are useful for treating disorders associated with pathol. receptor activation, such as pain, in humans, domesticated companion animals, and livestock animals (no data).

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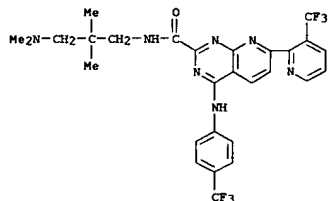


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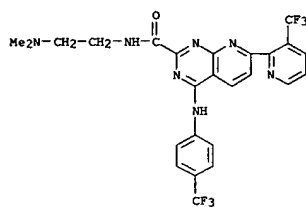


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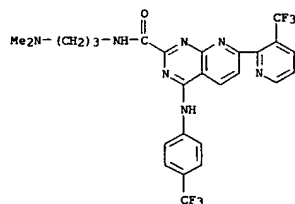
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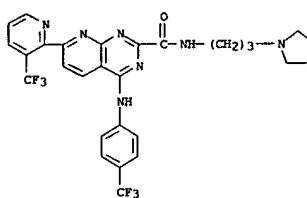
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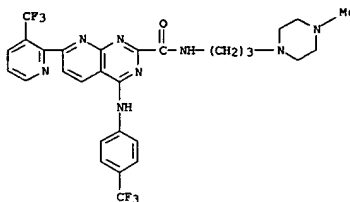
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L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



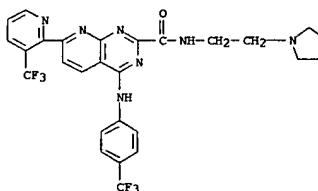
RN 714222-80-7 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[3-(4-methyl-1-piperazinyl)propyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)



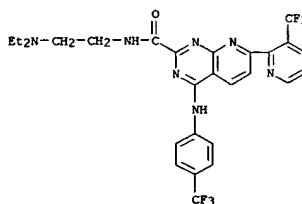
RN 714222-82-9 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[3-(dimethylamino)-2,2-dimethylpropyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 714222-88-5 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[2-(1-pyrrolidinyl)ethyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)

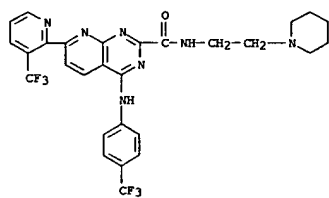


RN 714222-89-6 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[2-(diethylamino)ethyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)

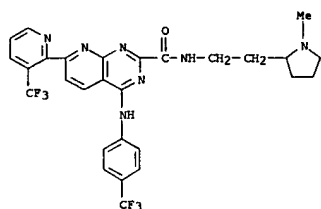


RN 714222-90-9 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[2-(1-piperidinyl)ethyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

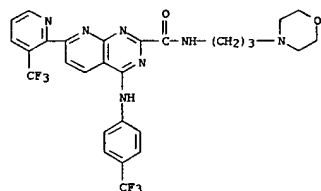


RN 714222-91-0 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[2-((4-(trifluoromethyl)phenyl)amino)-7-(3-(trifluoromethyl)pyridin-2-yl)ethyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)pyridin-2-yl]- (9CI) (CA INDEX NAME)

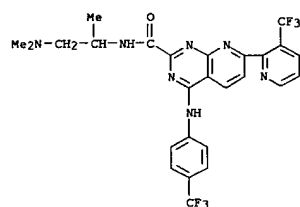


RN 714222-92-1 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[3-(diethylamino)propyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)pyridin-2-yl]- (9CI) (CA INDEX NAME)

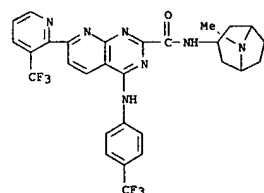
L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



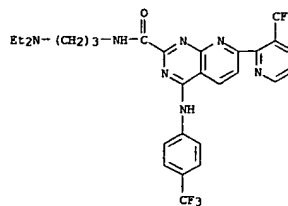
RN 714222-95-4 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[2-(dimethylamino)-1-methylethyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)pyridin-2-yl]- (9CI) (CA INDEX NAME)



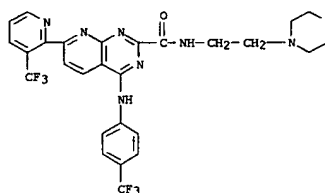
RN 714222-96-5 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)pyridin-2-yl]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



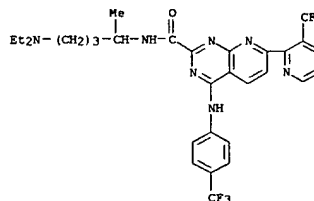
RN 714222-93-2 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[2-(4-morpholinyl)ethyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)pyridin-2-yl]- (9CI) (CA INDEX NAME)



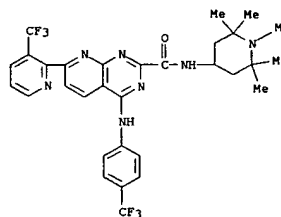
RN 714222-94-3 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[3-(4-morpholinyl)propyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)pyridin-2-yl]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 714222-97-6 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[4-(diethylamino)-1-methylbutyl]-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)pyridin-2-yl]- (9CI) (CA INDEX NAME)

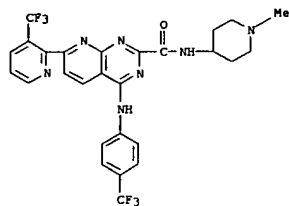


RN 714222-98-7 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-(1,2,2,6,6-pentamethyl-4-piperidinyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)pyridin-2-yl]- (9CI) (CA INDEX NAME)

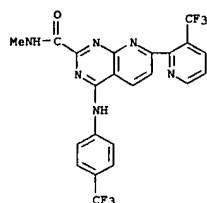


RN 714222-99-8 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-(1-methyl-4-piperidinyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)pyridin-2-yl]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

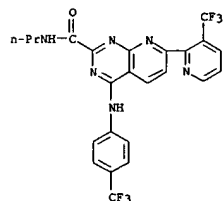


RN 714223-00-4 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-methyl-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)

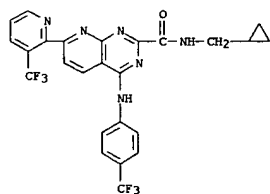


RN 714223-01-5 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-ethyl-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)

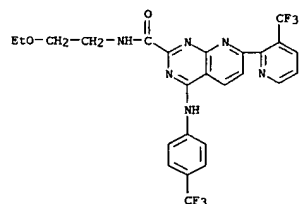
L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



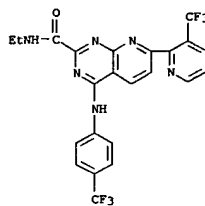
RN 714223-04-8 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-(cyclopropylmethyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)



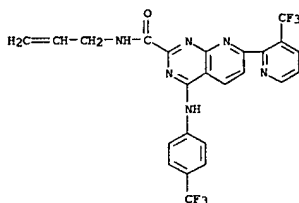
RN 714223-05-9 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-(2-ethoxyethyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)



L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



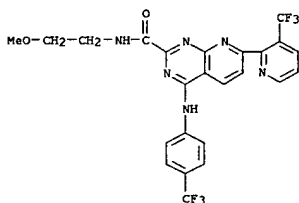
RN 714223-02-6 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-2-propenyl-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)



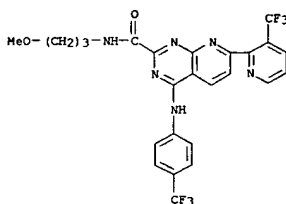
RN 714223-03-7 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-propyl-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 714223-06-0 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-(2-methoxyethyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)

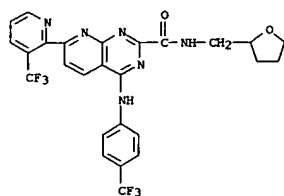


RN 714223-07-1 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-(3-methoxypropyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)

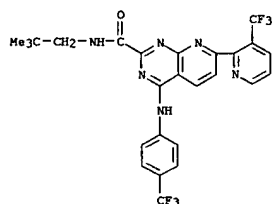


RN 714223-08-2 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-[(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

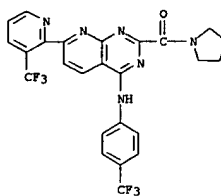


RN 714223-09-3 HCAPLUS
CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-(2,2-dimethylpropyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
(CA INDEX NAME)

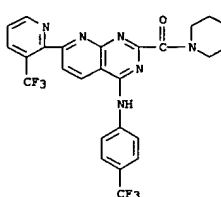


RN 714223-10-6 HCAPLUS
CN Pyrrolidine, 1-[[4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI)
(CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

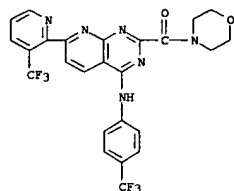


RN 714223-11-7 HCAPLUS
CN Piperidine, 1-[[4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI)
(CA INDEX NAME)

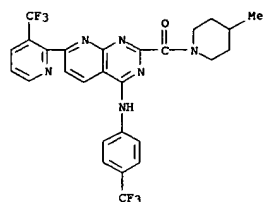


RN 714223-12-8 HCAPLUS
CN Morpholine, 4-[[4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI)
(CA INDEX NAME)

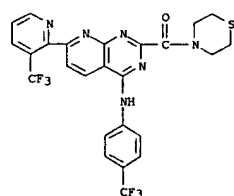
L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 714223-13-9 HCAPLUS
CN Piperidine, 4-methyl-1-[[4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI)
(CA INDEX NAME)

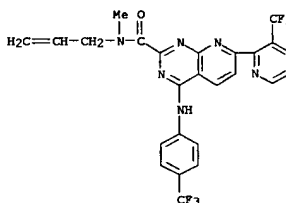


RN 714223-14-0 HCAPLUS
CN Thiomorpholine, 4-[[4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI)
(CA INDEX NAME)

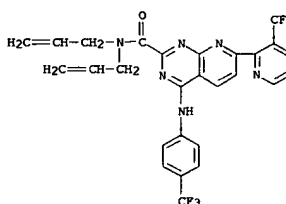


L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 714223-15-1 HCAPLUS
CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-methyl-N-2-propenyl-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
(CA INDEX NAME)

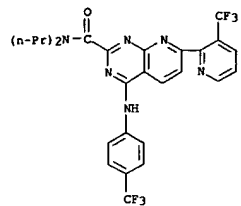


RN 714223-16-2 HCAPLUS
CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N,N-di-2-propenyl-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
(CA INDEX NAME)

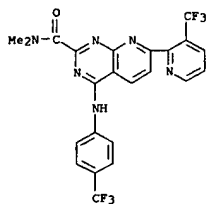


RN 714223-17-3 HCAPLUS
CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N,N-dipropyl-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
(CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

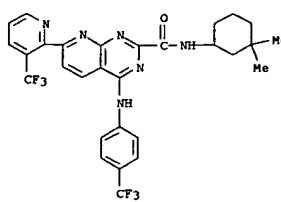


RN 714223-18-4 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N,N-dimethyl-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)

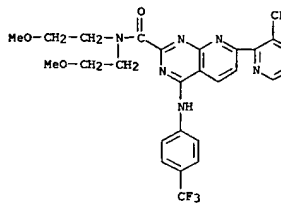


RN 714223-19-5 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-(3,3-dimethylcyclohexyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

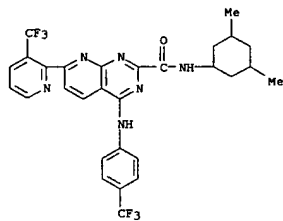


RN 714223-20-8 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-bis(2-methoxyethyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)

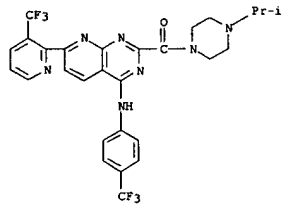


RN 714223-21-9 HCAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-carboxamide, N-(3,5-dimethylcyclohexyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI)
 (CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

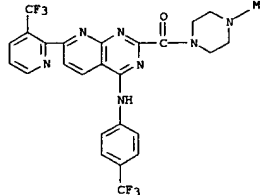


RN 714223-22-0 HCAPLUS
 CN Piperazine, 1-(1-methylethyl)-4-[[4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI)
 (CA INDEX NAME)

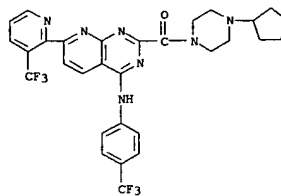


RN 714223-23-1 HCAPLUS
 CN Piperazine, 1-methyl-4-[[4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI)
 (CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

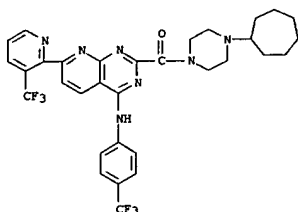


RN 714223-24-2 HCAPLUS
 CN Piperazine, 1-cyclopentyl-4-[[4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI)
 (CA INDEX NAME)



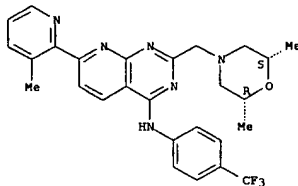
RN 714223-25-3 HCAPLUS
 CN Piperazine, 1-cycloheptyl-4-[[4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI)
 (CA INDEX NAME)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 714223-60-6 HCAPLUS
 CN Pyrido[2,3-d]pyrimidin-4-amine, 2-[[[2R,6S]-2,6-dimethyl-4-morpholinyl]methyl]-7-(3-methyl-2-pyridinyl)-N-[4-(trifluoromethyl)phenyl]-, rel- (9CI) (CA INDEX NAME)

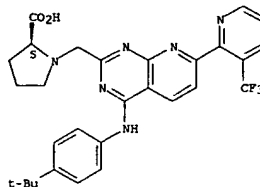
Relative stereochemistry.



RN 714223-61-7 HCAPLUS
 CN L-Proline, 1-[[[4-[[[4-(1-dimethylethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]methyl]- (9CI) (CA INDEX NAME)

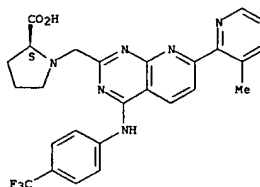
Absolute stereochemistry.

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 714223-63-9 HCAPLUS
 CN L-Proline, 1-[[[7-(3-methyl-2-pyridinyl)-4-[[[4-(trifluoromethyl)phenyl]amino]pyrido[2,3-d]pyrimidin-2-yl]methyl]- (9CI) (CA INDEX NAME)

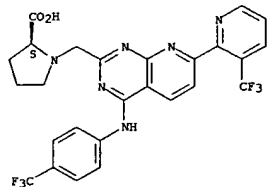
Absolute stereochemistry.



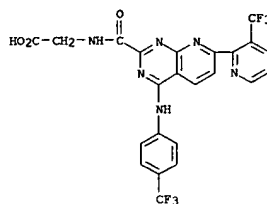
RN 714223-64-0 HCAPLUS
 CN L-Proline, 1-[[[4-[[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

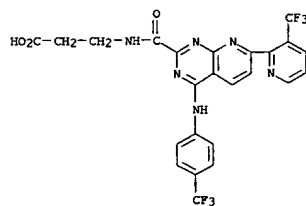
L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 714223-72-0 HCAPLUS
 CN Glycine, N-[[[4-[[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)



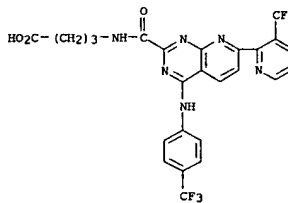
RN 714223-73-1 HCAPLUS
 CN B-Alanine, N-[[[4-[[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)



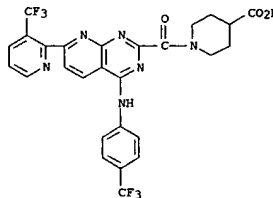
RN 714223-74-2 HCAPLUS

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CN Butanoic acid, 4-[[[4-[[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]amino]- (9CI) (CA INDEX NAME)

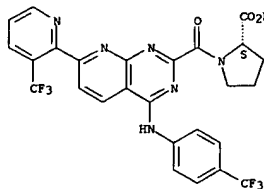


RN 714223-75-3 HCAPLUS
 CN 4-Piperidinecarboxylic acid, 1-[[[4-[[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)



RN 714223-76-4 HCAPLUS
 CN L-Proline, 1-[[[4-[[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]pyrido[2,3-d]pyrimidin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

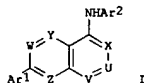
Absolute stereochemistry.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2003:591156 HCAPLUS
DOCUMENT NUMBER: 139:149640
TITLE: Preparation of substituted quinazolin-4-ylamine analogs as VRL capsaicin receptor antagonists for relieving pain
INVENTOR(S): Bakthavatchalam, Rajagopal; Blum, Charles A.; Briellmann, Harry L.; Caldwell, Timothy M.; De Lombaert, Stephane
PATENT ASSIGNEE(S): Neurogen Corporation, USA
SOURCE: PCT Int. Appl., 294 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003062209	A2	20030731	WO 2003-US1563	20030117
WO 2003062209	A3	20030904		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2473796	AA	20030731	CA 2003-2473796	20030117
BR 2003006982	A	20041026	BR 2003-6982	20030117
EP 1471910	A2	20041103	EP 2003-703887	20030117
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
JP 200556714	T2	20050908	JP 2003-562090	20030117
US 2004106616	A1	20040603	US 2003-347210	20030121
ZA 2004005641	A	20050715	ZA 2004-5641	20040715
NO 2004003411	A	20040924	NO 2004-3411	20040816
PRIORITY APPLN. INFO.:			US 2002-349920P	P 20020117
			US 2002-350527P	P 20020122
			WO 2003-US1563	W 20030117
OTHER SOURCE(S):		MARPAT 139:149640		
GI				



AB Substituted quinazolin-4-ylamine analogs (shown as I; variables defined

below; e.g. (4-(trifluoromethylphenyl)[7-(2-trifluoromethylphenyl)quinazolin-4-yl]amine) are provided. Such compds. are ligands that may be used to modulate VRL capsaicin receptor activity in vivo or in vitro (no data), and are particularly useful in the treatment of conditions assocd. with pathol. receptor activation in humans, domesticated companion animals and livestock animals. Pharmaceutical compns. and methods for using them to treat such disorders are provided, as are methods for using such ligands for receptor localization studies. For I: V, X, W, Y and Z are each independently N or CR1, with the proviso that at least one of V and X is N; U is N or CR2, with the proviso that if V and X are N, then U is CR2; R1 = H, halogen, hydroxy, amino, C1-C8 alkyl, haloC1-C8alkyl, C1-C8alkoxy, haloC1-C8alkoxy and mono- and di(C1-C8alkyl)amino. R2 = (i) H, halogen, cyano, or -COOH; (ii) C1-C8alkenyl, C2-C8alkenone, or C1-C8alkenyl, each of which is (un)substituted with 1-9 substituents = Rb, or (iii) -Rc-M-A-Ry, wherein: Rc is CO-C8alkyl; M is a bond, N(Rz), O, S, SO2, (C:O)P(Rz), N(Rz)C(O)p, SO2N(Rz), or N(Rz)SO2, wherein p is 0 or 1; A is a bond or C1-C8alkyl, (un)substituted with 1-3 Rb. Ry and Rz, if present, are: (a) independently H, C1-C8alkyl, C2-C8alkenyl, C2-C8alkynyl, C6-C10arylC1-C8alkyl, C2-C8alkyl ether, C1-C8alkoxy, a 4- to 10-membered carbocycle or heterocycle, or joined to R1 to form a 4- to 10-membered carbocycle or heterocycle, wherein each Ry and Rz = (un)substituted with 1-9 Rb; or (b) joined to form a 4- to 10-membered carbocycle or heterocycle that is (un)substituted with 1-9 Rb; Ar2 is a 5- to 7-membered arom. heterocycle, (un)substituted with 1-3 LRa. Ar1 is a 5- to 10-membered arom. carbocycle or heterocycle, (un)substituted with 1-3 LRa; L = bond, -O-, -C(O)-, -OC(O)-, -C(O)O-, -O-C(O)O-, -S(O)m-, -NRx-, -C(O)NHRx-, -MHRx(O)-, -NRx(S)O-, -S(O)mNRx- and -N(S)O(m)NRx(S)O(m)-; wherein m = 0, 1 and 2; and Rx = H and C1-C8alkyl; Ra = (i) H, halogen, cyano and nitro; and (ii) C1-C8alkyl, C2-C8alkenyl, C2-C8alkynyl, C2-C8alkyl ether, 3- to 10-membered heterocycles, mono- and di(C1-C8alkyl)amino and (3- to 10-membered heterocycle)C1-C6 alkyl, each of which is (un)substituted with 1-9 Rb. Rb = hydroxy, halogen, amino, aminocarbonyl, amido, cyano, nitro, C1-C8alkyl, C1-C8alkoxy, C1-C8alkylthio, C1-C8alkyl ether, hydroxyC1-C8alkyl, haloC1-C8alkyl, Ph, phenyl(C1-C8alkyl), mono and di(C1-C6 alkyl)amino, (SO2)C1-C8alkyl, 5- to 7-membered heterocycle and (5- to 7-membered heterocycle)C1-C8alkyl). Although the methods of prepn. are not claimed, many example preps. and characterization data for >500 examples of I are included.

IT **573688-59-2P**, (4-tert-Butylphenyl)[2-[(cis-2,6-dimethylmorpholin-4-yl)methyl]-7-(3-trifluoromethylpyridin-2-yl)pyrido[2,3-d]pyrimidin-4-yl]amine **573688-79-6P**, [2-[(2,6-Dimethylmorpholin-4-yl)methyl]-7-(3-methylpyridin-2-yl)pyrido[2,3-d]pyrimidin-4-yl] (4-trifluoromethylphenyl)amine **573688-81-0P**, [2-[(cis-2,6-Dimethylmorpholin-4-yl)methyl]-7-(3-trifluoromethylpyridin-2-yl)pyrido[2,3-d]pyrimidin-4-yl] (4-trifluoromethylphenyl)amine **573688-83-2P**, [2-[(3,3-Dimethylpiperidin-1-yl)methyl]-7-(3-methylpyridin-2-yl)pyrido[2,3-d]pyrimidin-4-yl] (4-trifluoromethylphenyl)amine **573688-84-3P**, [2-[(3,3-Dimethylpiperidin-1-yl)methyl]-7-(3-trifluoromethylpyridin-2-yl)pyrido[2,3-d]pyrimidin-4-yl] (4-trifluoromethylphenyl)amine **573688-88-7P**, [2-[[Bis(2-methoxyethyl)amino]methyl]-7-(3-methylpyridin-2-yl)pyrido[2,3-d]pyrimidin-4-yl] (4-trifluoromethylphenyl)amine **573688-89-8P**, [2-[[Bis(2-methoxyethyl)amino]methyl]-7-(3-trifluoromethylpyridin-2-yl)pyrido[2,3-d]pyrimidin-4-yl] (4-trifluoromethylphenyl)amine **573688-90-9P**, [2-[[Bis(2-methoxyethyl)amino]methyl]-7-(3-trifluoromethylpyridin-2-yl)pyrido[2,3-d]pyrimidin-4-yl] (4-trifluoromethylphenyl)amine

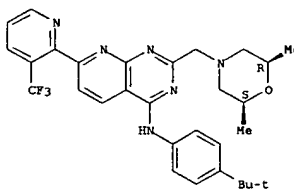
RL: ARG (Analytical reagent use); BUU (Biological use, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate and receptor detector): preparation of substituted quinazolin-4-ylamine analogs as VRL capsaicin receptor antagonists for

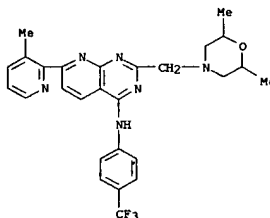
relieving pain and for detecting receptors)

RN 573688-59-2 HCAPLUS
CN Pyrido[2,3-d]pyrimidin-4-amine, 2-[(2,6-dimethyl-4-morpholinyl)methyl]-7-[(3-methyl-2-pyridinyl)-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 573688-79-6 HCAPLUS
CN Pyrido[2,3-d]pyrimidin-4-amine, 2-[(2,6-dimethyl-4-morpholinyl)methyl]-7-[(3-methyl-2-pyridinyl)-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

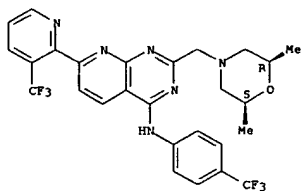


RN 573688-81-0 HCAPLUS
CN Pyrido[2,3-d]pyrimidin-4-amine, 2-[[2,6-dimethyl-4-morpholinyl)methyl]-N-[4-(trifluoromethyl)phenyl]-7-[3-(trifluoromethyl)-2-pyridinyl]-, rel- (9CI) (CA INDEX NAME)

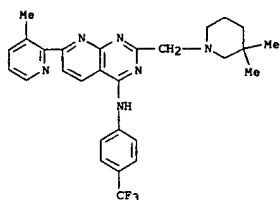
Relative stereochemistry.

10/ 735,607

L4 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

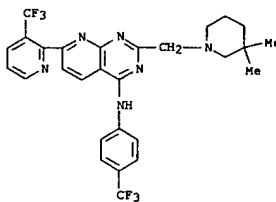


RN 573688-83-2 HCAPLUS
CN Pyrido[2,3-d]pyrimidin-4-amine, 2-[(3,3-dimethyl-1-piperidinyl)methyl]-7-(3-methyl-2-pyridinyl)-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

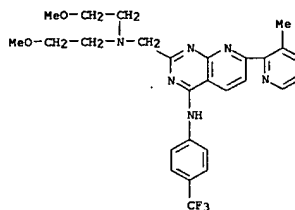


RN 573688-84-3 HCAPLUS
CN Pyrido[2,3-d]pyrimidin-4-amine, 2-[(3,3-dimethyl-1-piperidinyl)methyl]-N-[4-(trifluoromethyl)phenyl]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

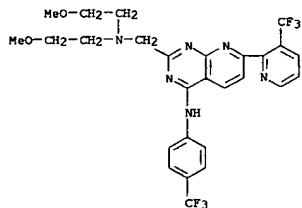


RN 573688-88-7 HCAPLUS
CN Pyrido[2,3-d]pyrimidine-2-methanamine, N,N-bis(2-methoxyethyl)-7-(3-methyl-2-pyridinyl)-4-[[4-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 573688-89-8 HCAPLUS
CN Pyrido[2,3-d]pyrimidine-2-methanamine, N,N-bis(2-methoxyethyl)-4-[[4-(trifluoromethyl)phenyl]amino]-7-[3-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



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